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## VoIP SYSTEM AND TEST METHOD OF IT

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Abstract of  
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**PROBLEMS TO BE SOLVED:** To provide a VLSI solution over 10<sup>7</sup> switches and 10<sup>12</sup> bits of R memory for each test frame. The problem of serial memory to improve compatibility. **SOLUTION:** A soft clock protocol is provided on the line of the microcoded interface. The TCON has a built-in self-test facility. It performs a test pattern consisting of data containing sound and data in a silent time frame. A test setword on an external bus is used to start the self-test. The test setword is inserted by first putting it in memory and then sound code and multi-played with RTP/RTP-time Transmitter. Preceded by employing a 16-bit counter to generate a sequence of data from one line memory or equipped with the bypass function. The test setword is used to identify the normally off state of the output line. The reproduced transmission of the TCON is based on the propagation time.

